

Features

Materials of Construction	
Body:	Treated Brass
Gripping Ring:	Stainless Steel
Adjustment Screws	Nickel-plated brass
Locking Nut:	Nickel-plated brass
Tailpiece:	Nickel-plated brass



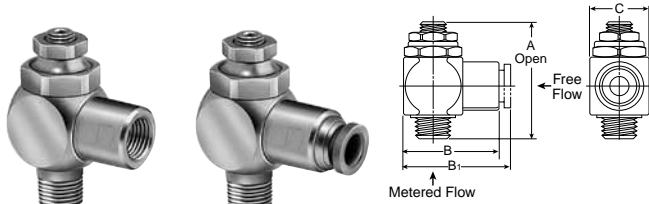
Nomenclature	
Example: FCMS731-5/32-2	Attribute:
FC	Flow control
7	Right angle
0	Brass body
1	Tube x pipe
4	1/4 Tube O.D.
2	1/8 Pipe thread

Applicable Tube	
Tube O.D.	1/8, 5/32, 1/4, 3/8
Tube O.D. (mm)	4, 6, 8, 10, 12, 14

Specifications	
Pressure Range:	15 to 145 PSI
Temperature Ranges:	30° to 160°F
Working Fluid:	Compressed air

Metal flow control regulators are suited for use in severe conditions (temperatures, sparks, abrasion, etc). The screw and locking nut have been designed for easy manipulation, by hand. Adjustment can be made with a screwdriver and locking by use of a wrench.

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	Compact Flow Controls
	Miniature Flow Controls
	Swivel Flow Controls
	Plug-in Flow Controls
	In-Line Flow Controls
	Metal Flow Controls
	Check Valves
	Blocking Valves
	Threshold Sensors



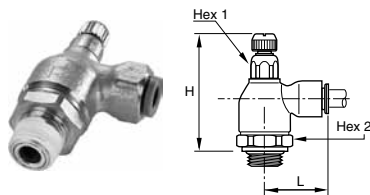
Shown with Threaded Inlet

Shown with Prestolok Inlet Fitting

3251 Flow Control Valves

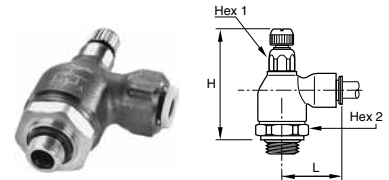
Model Number	Thread (NPT) Male	Thread (NPT) Female	A mm	B mm	C mm	Weight		Cv	
						kg.	Adjusted Flow	Free Flow	
03251 0125	1/8	1/8	44	30	17	0.9	0.26	0.20	
03251 0250	1/4	1/4	51	36	23	2.0	0.75	0.68	
03251 0375	3/8	3/8	58	43	27	3.2	0.84	0.72	
03251 0500	1/2	1/2	68	53	32	5.0	1.64	1.41	
With Prestolok Fittings									
03251 1215	1/8	5/32	44	30	17	0.9	0.19	0.16	
03251 1225	1/8	1/4	44	30	17	0.9	0.28	0.22	
03251 2525	1/4	1/4	51	36	23	2.0	0.51	0.44	
03251 2538	1/4	3/8	51	36	23	2.0	0.62	0.53	
03251 3838	3/8	3/8	58	43	27	3.2	0.78	0.65	

CAUTION: If it is possible that the ambient temperature may fall below freezing, the medium must be moisture-free to prevent internal damage or unpredictable behavior.



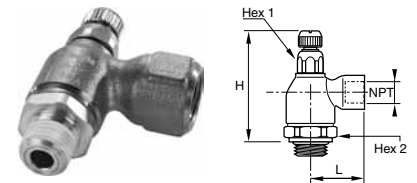
FC705 Push-to-Connect Metal Flow Control

Part No.	Tube Size (In)	NPT	Hex 1 mm	Hex 2 mm	H Closed	H Open	L
FC705-5/32-2	5/32	1/8	19	10	1.79	2.01	0.85
FC705-4-2	1/4	1/8	19	10	1.79	2.01	0.97
FC705-4-4	1/4	1/4	19	10	1.79	2.01	0.97
FC705-6-4	3/8	1/4	19	14	1.91	2.11	1.14
FC705-6-6	3/8	3/8	25	17	2.15	2.40	1.40



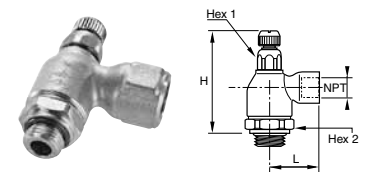
FC701 Push-to-Connect Metal Flow Control - BSPP

Part No.	Tube Size (mm)	BSPP	Hex 1	Hex 2	H Closed	H Open	L
FC701-4M-2G	4	1/8	10	19	47.0	53.0	21.0
FC701-6M-2G	6	1/8	10	19	47.0	53.0	24.5
FC701-6M-4G	6	1/4	10	19	47.5	53.0	24.5
FC701-8M-2G	8	1/8	14	19	50.0	55.0	29.0
FC701-8M-4G	8	1/4	14	19	50.0	56.0	29.0
FC701-8M-6G	8	3/8	17	25	56.0	62.0	30.5
FC701-10M-4G	10	1/4	14	19	50.0	56.0	35.0
FC701-10M-6G	10	3/8	17	25	56.0	62.0	35.0
FC701-12M-6G	12	3/8	17	25	56.0	62.0	38.0
FC701-12M-8G	12	1/2	17	25	55.0	62.0	38.0
FC701-14M-8G	14	1/2	17	25	55.0	62.0	41.0



FC708 Threaded Port Meter Out Flow Control

Part No.	NPT	Hex 1 mm	Hex 2 mm	H Closed	H Open	L	L1	L2
FC708-2	1/8	19	10	1.79	2.01	0.89	0.87	1.14
FC708-4	1/4	19	14	1.91	2.11	1.28	0.87	1.28
FC708-6	3/8	25	17	2.15	2.40	1.36	0.91	1.44
FC708-8	1/2	25	17	2.15	2.40	1.50	0.91	1.50



FC702 Threaded Port Metal Flow Control - BSPP

Part No.	BSPP	Hex 1 mm	Hex 2 mm	H Closed	H Open	L
FC702-2G	1/8	10	19	47.0	52.5	22.5
FC702-4G	1/4	14	19	50.5	55.5	32.0
FC702-6G	3/8	17	25	56.0	62.0	34.5
FC702-8G	1/2	17	25	55.0	62.0	37.5

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